the disclosed suture clamp may require less time and money since, as should be appreciated, the knot tying process can be rather time consuming. Further, since the disclosed suture clamp is releasable, suture tension can be easily readjusted, as described herein, rather than the alternative of tying additional knots to increase tension and creating entirely new sutures to provide reduced tension. The releasable suture clamp described herein also has a relatively low profile and is capable of providing a more precise amount of tension as opposed to conventional knot tying procedures.

It should be understood that the above description is intended for illustrative purposes only, and is not intended to limit the scope of the present disclosure in any way. Thus, those skilled in the art will appreciate that other aspects of the disclosure can be obtained from a study of the drawings, the disclosure and the appended claims.

What is claimed is:

1. A suture anchor assembly, comprising:

a length of suture having an anchor attached to an end thereof; and

a releasable suture clamp disposed in a clamped configuration about the suture;

wherein the releasable suture clamp includes a plurality of independent stackable components, wherein each of the plurality of independent stackable components is rotatable about a common axis relative to an abutting one of the plurality of independent stackable components, wherein the common axis is transverse to opposing faces of the stackable components, wherein each of the stackable components has a first annular opening passing through the opposing faces, spaced from the common axis, and sized for receiving the suture therethrough;

wherein the releasable suture clamp has an unclamped configuration in which the first openings are aligned relative to an alignment axis and the clamped configuration in which the first openings are misaligned relative to the alignment axis, wherein the alignment axis is parallel to the common axis.

2. The suture anchor assembly of claim **1**, further including:

a needle; and

a pusher slidably received in the needle;

wherein the anchor is received within a distal end of the needle and the suture extends outside of the needle.

3. The suture anchor assembly of claim **2**, wherein the needle, the pusher, the anchor, and a segment of the suture are received in a blunt end holder.

4. The suture anchor assembly of claim **2**, wherein the suture anchor assembly is received in a sterilized package.

5. A releasable suture clamp, comprising:

a plurality of independent stackable components, wherein each of the plurality of independent stackable components is rotatable about a common axis relative to an abutting one of the plurality of independent stackable components, wherein the common axis is transverse to opposing faces of the stackable components, wherein each of the stackable components has a first opening passing through the opposing faces, spaced from the common axis, and sized for receiving a suture therethrough;

wherein the releasable suture clamp has an unclamped configuration in which the first openings are aligned relative to an alignment axis and a clamped configuration in which the first openings are misaligned relative to the alignment axis, wherein the alignment axis is parallel to the common axis.

6. The releasable suture clamp of claim **5**, wherein, in the clamped configuration, the first openings of abutting components are free from overlap; and

each of the first openings is an annular opening defined by a respective one of the stackable components.

7. The releasable suture clamp of claim **5**, wherein a retaining pin is secured within second openings passing through the opposing faces of each of the stackable components to define the common axis.

8. The releasable suture clamp of claim **7**, further including at least one spring member biasing the releasable suture clamp toward the clamped configuration.

9. The releasable suture clamp of claim **8**, wherein the spring member is received within slots of the stackable components, wherein the slots of abutting components have a first overlap amount in the clamped configuration that is greater than a second overlap amount in the unclamped configuration.

10. The releasable suture clamp of claim **9**, wherein each of the stackable components includes a lobe, wherein the lobes of abutting components are closer in proximity in the unclamped configuration than in the clamped configuration.

11. The releasable suture clamp of claim **10**, further including a projection extending transversely from the lobe of at least one of the stackable components, wherein the projection restricts movement of the releasable suture clamp beyond a movement range defined by the clamped configuration and the unclamped configuration.

12. A method of clamping a suture with a releasable suture clamp, wherein the releasable suture clamp includes a plurality of independent stackable components, wherein the releasable suture clamp includes a plurality of independent stackable components that are each rotatable about a common axis relative to an abutting one of the plurality of independent stackable components, wherein the common axis is transverse to opposing faces of the stackable components, wherein each of the stackable components has a first opening passing through the opposing faces, spaced from the common axis, and sized for receiving a suture therethrough, the method comprising steps of:

moving the releasable suture clamp from a clamped configuration to an unclamped configuration by rotating the stackable components about the common axis such that the first openings are aligned relative to an alignment axis and define a linear path;

receiving the suture through the first openings of the stackable components along the linear path;

returning the releasable suture clamp from the unclamped configuration to the clamped configuration by rotating the stackable components about the common axis such that the first openings are misaligned relative to the alignment axis and define a serpentine path; and

restricting movement of the suture relative to the suture clamp by gripping the suture with edges defining the first openings and surfaces of the stackable components defining the serpentine path.

13. The method of claim **12**, wherein the step of returning the releasable suture clamp to the clamped configuration includes rotating the stackable components such that the first openings of abutting components are free from overlap.

14. The method of claim **12**, wherein the steps of moving the releasable suture clamp to the unclamped configuration and returning the releasable suture clamp to the clamped configuration include rotating the stackable components about a retaining pin secured within second openings passing through the opposing faces of each of the stackable components to define the common axis.